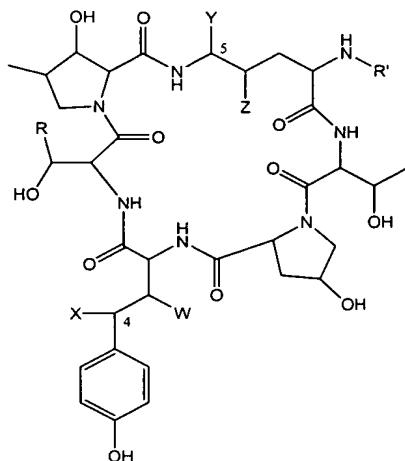


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A process for converting echinocandin class of



peptides of the formula I:

wherein W, X, Y, Z, R and R' are as defined below:

	<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>R</u>	<u>R'</u>
1. Echinocandin B	OH	OH	OH	OH	CH ₃	Linoleoyl
2. Pneumocandin A ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	10, 12-Dimethyl-myristoyl
3. Pneumocandin A ₁	H	OH	OH	OH	CH ₂ -CO-NH ₂	"
4. Pneumocandin A ₂	OH	OH	H	H	CH ₂ -CO-NH ₂	"
5. Pneumocandin B ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
6. Pneumocandin B ₂	OH	OH	H	H	CH ₂ -CO-NH ₂	"
7. Pneumocandin C ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
8. Mulundocandin	OH	OH	OH	OH	H	12-Methyl-tetradecanoyl

to their C4-homotyrosine monodeoxyanalogues of the formula I, wherein W, X, Y, Z, R and R' are as defined herein below:

	<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>R</u>	<u>R'</u>
1. Deoxyechinocandin B (Echinocandin C)	O H	H	OH	OH	CH ₃	Linoleoyl
2. Deoxypneumocandin A ₀	O H	H	OH	OH	CH ₂ -CO-NH ₂	10, 12-Dimethyl- myristoyl
3. Deoxypneumocandin A ₁	H	H	OH	OH	CH ₂ -CO-NH ₂	"
4. Deoxypneumocandin A ₂	O H	H	H	H	CH ₂ -CO-NH ₂	"
5. Deoxypneumocandin B ₀	O H	H	OH	OH	CH ₂ -CO-NH ₂	"
6. Deoxypneumocandin B ₂	O H	H	H	H	CH ₂ -CO-NH ₂	"
7. Deoxypneumocandin C ₀	O H	H	OH	OH	CH ₂ -CO-NH ₂	"
8. Deoxymulundocandin	O H	H	OH	OH	H	12-Methyl- tetradecanoyl

comprising reducing the C4-htyr (homotyrosine) hydroxyl group of echinocandins to their monodeoxy analogues by mixing the echinocandin class of peptides with Raney Nickel in a solvent selected from the group consisting of methanol, ethanol and dioxane at a pH of 3-9 without protecting and then deprotecting the C5-Orn (ornithine) hydroxyl group prior to reducing the echinocandin class of peptides and then purifying the monodeoxy compound from the crude reaction mixture.

2. (Previously presented) A process as claimed in claim 1, comprising reducing Mulundocandin to Deoxymulundocandin.

3. (Previously presented) A process as claimed in claim 1, wherein reducing the C4-htyr (homotyrosine) hydroxyl group of echinocandins is carried out by hydrogenolysis with Raney nickel in ethanol at pH 7 and at room temperature.

4. (Previously presented) A process as claimed in claim 3, wherein the hydrogenolysis is carried out in the ratio of 6.8 ml of Raney nickel per millimole of mulundocandin.